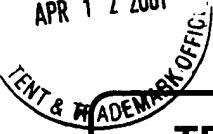


O I P E J C

APR 12 2001



2631

PTO/SB/21 (12/97)

Approved for use through 9/30/2000. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission	31	Application No.	09/753,227
		Filing Date	December 28, 2000
		First Named Inventor	Darwin A. Engwer
		Group Art Unit	2631
		Examiner Name	
		Attorney Docket Number	3239P071

*RECEIVED
APR 17 2001
Technology Center 4600*

ENCLOSURES (check all that apply)

<input checked="" type="checkbox"/> Fee Transmittal Form	<input checked="" type="checkbox"/> Assignment Papers <i>(for an Application)</i>	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group <i>(Appeal Notice, Brief, Reply Brief)</i>
<input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> To Convert a Provisional Application	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) <i>(please identify below):</i>
<input checked="" type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Terminal Disclaimer	<div style="border: 1px solid black; padding: 5px;">PTO-1449 w/ref.; Cross-Reference to Related Applications; Declaration & Power of Attorney; cc of Notice to File Missing Parts</div>
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Small Entity Statement	
<input checked="" type="checkbox"/> Response to Missing Parts/ Incomplete Application	<input type="checkbox"/> Request for Refund	
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Remarks	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	George L. Fountain, Reg. No. 36,374 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	April 5, 2001

CERTIFICATE OF MAILING/TRANSMISSION

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class mail with sufficient postage in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on:

April 5, 2001

Typed or printed name	Eric Hoover
Signature	
Date	April 5, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**O P T
FEE TRANSMITTAL
for FY 2000**

APR 12 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$ 1,014.00)

Complete if Known

Application Number	09/753,227
Filing Date	December 28, 2000
First Named Inventor	Darwin A. Engwer
Examiner Name	
Group/Art Unit	2631
Attorney Docket No.	3239P071

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **02-2666**

Deposit Account Name **Blakely, Sokoloff, Taylor & Zafman LLP**

Charge Any Additional Fee(s) Required
Under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

Applicant claims small entity status.
See 37 CFR 1.27.

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
101 710	201 355	Utility filing fee	710.00
106 320	206 160	Design filing fee	
107 490	207 245	Plant filing fee	
108 710	208 355	Reissue filing fee	
114 150	214 75	Provisional filing fee	
SUBTOTAL (1)		(\$ 710.00)	

2. EXTRA CLAIM FEES

Total Claims	Independent Claims	Extra Claims	Fee from below	
23	4	20** - 3** = 18	3 X 18.00 = \$54.00	
		3** = 1	80.00 = \$80.00	

*or number previously paid, if greater. For Reissues, see below

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 80	202 40	Independent claims in excess of 3
104 270	204 135	Multiple Dependent claim, if not paid
109 80	209 40	**Reissue independent claims over original patent
110 18	210 9	**Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(\$ 134.00)

3. ADDITIONAL FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	130.00
127 50	227 25	Surcharge - late provisional filing fee or cover sheet.	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for response within first month	
116 390	216 195	Extension for response within second month	
117 890	217 445	Extension for response within third month	
118 1,390	218 695	Extension for response within fourth month	
128 1,890	228 945	Extension for response within fifth month	
119 310	219 155	Notice of Appeal	
120 310	220 155	Filing a brief in support of an appeal	
121 270	221 135	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,240	241 620	Petition to revive - unintentional	
142 1,240	242 620	Utility issue fee (or reissue)	
143 440	243 220	Design issue fee	
144 600	244 300	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	40.00
146 710	246 355	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 710	249 355	For each additional invention to be examined (37 CFR § 1.129(b))	
179 710	279 355	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	
Other fee (specify)			
Other fee (specify)			
*Reduced by Basic Filing Fee Paid		SUBTOTAL (3)	(\$ 170.00)

SUBMITTED BY

Complete (if applicable)

Name (Print/Type)	George L. Fountain	Registration No. (Attorney/Agent)	36,374	Telephone	(714) 557-3800
Signature	George L. Fountain			Date	04/05/01

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2039.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Atty. Dkt. No.: 003239.P071



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Re the Application of:

Darwin A. Engwer, et al.

Application No.: 09/753,227

Filed: December 28, 2000

For: **SEAMLESS ROAMING
OPTIONS IN AN IEEE 802.11
COMPLIANT NETWORK**

RECEIVED
APR 17 2001
Technology Center 2600

Assistant Commissioner for Patents
Attention: Box Missing Parts
Washington, DC 20231

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

Sir:

In response to the Notice to File Missing Parts of Application mailed February 14, 2001, please find enclosed:

- (1) a duly executed Declaration and Power of Attorney with respect to the above-referenced patent application;
- (2) a check in the amount of \$130.00 in payment of the surcharge of 37 CFR § 1.16(e);
- (3) a check in the amount of \$844.00 to cover the payment of the filing fee;
- (4) a copy of the Notice to File Missing Parts of Application.



If any additional fee is required, please charge Deposit Account No. 02-2666. An extra copy of the Fee Transmittal is enclosed for deposit account charging purposes.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN
LLP

Dated: April 5, 2001

George L. Fountain
GEORGE L. FOUNTAIN
REG. NO. 36,374

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231 on: April 5, 2001.

Eric Hoover

4/5/01
Date



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/753,227	12/28/2000	Darwin A. Engwer	3239P071

08791
BLAKELY SOKOLOFF TAYLOR & ZAFMAN
12400 WILSHIRE BOULEVARD, SEVENTH FLOOR
LOS ANGELES, CA 90025

CONFIRMATION NO. 9335
FORMALITIES LETTER



OC00000005764869

Date Mailed: 02/14/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

04/13/2001 TBESHAW1 00000051 09753227

01 FC:101	710.00 OP
02 FC:103	54.00 OP
03 FC:102	80.00 OP
04 FC:105	130.00 OP

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.
Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).
- Total additional claim fee(s) for this application is \$134.
 - \$54 for 3 total claims over 20.
 - \$80 for 1 independent claims over 3 .
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

- **The balance due by applicant is \$ 974.**

*A copy of this notice **MUST** be returned with the reply.*

T. K. Kite Genemaw
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Darwin A. Engwer et al.

Application No.: 09/753,227

Filed: December 28, 2000

For: **SEAMLESS ROAMING OPTIONS
IN AN IEEE 802.11 COMPLIANT
NETWORK**

Examiner: [To Be Assigned]

Art Group: 2631

Assistant Commissioner for Patents
Washington, D.C. 20231

CROSS-REFERENCE UNDER 37 C.F.R. §1.78(a)(2) TO RELATED APPLICATIONS

Sir/Madam:

Pursuant to 37 C.F.R. §1.78(a)(2), applicants hereby cross-reference the following related patent applications, which are all assigned to the same assignee as the present patent application.

- (1) A U.S. Patent Application entitled DYNAMIC POWER LEVEL CONTROL ON TRANSMITTED MESSAGES IN A WIRELESS LAN by Jonathan M. Zweig, Application No. 09/753,228, filed December 28, 2000.
- (2) A U.S. Patent Application entitled RELIABLE BROADCAST PROTOCOL IN A WIRELESS LOCAL AREA NETWORK by Jonathan M. Zweig et al., Application No. 09/753,226, filed December 28, 2000.

(3) A U.S. Patent Application entitled WIRELESS LAN WEP INITIALIZATION VECTOR PARTITIONING SCHEME by Darwin A. Engwer et al., Application No. 09/753,229, filed December 28, 2000.

(4) A U.S. Patent Application entitled SYSTEM, APPARATUS AND METHOD FOR NOTIFYING WIRELESS UNITS OF ACCESS POINT-TO-NETWORK LINK FAILURE IN A WIRELESS NETWORK by Jonathan M. Zweig et al., Application No. 09/751,333, filed December 28, 2000.

(5) A U.S. Patent Application entitled SYSTEM AND METHOD FOR A WIRELESS UNIT ACQUIRING A NEW INTERNET PROTOCOL ADDRESS WHEN ROAMING BETWEEN TWO SUBNETS by Darwin A. Engwer et al., Application No. 09/753,218, filed December 28, 2000.

(6) A U.S. Patent Application entitled SYSTEM AND METHOD FOR DYNAMIC CONTROL OF DATA PACKET FRAGMENTATION THRESHOLD IN A WIRELESS NETWORK by Darwin A. Engwer et al., Application No. 09/751,332, filed December 28, 2000.

(7) A U.S. Patent Application entitled METHOD, APPARATUS, AND SYSTEM FOR MANAGING DATA COMPRESSION IN A WIRELESS NETWORK by Darwin A. Engwer et al., Application No. 09/751,293, filed December 28, 2000.

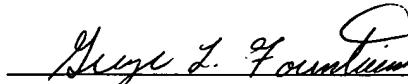
(8) A U.S. Patent Application entitled AUTOMATIC DISTRIBUTION OF RTS AND FRAG THRESHOLDS by Jonathan M. Zweig et al., Application No. 09/751,334, filed December 28, 2000.

If there are any charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

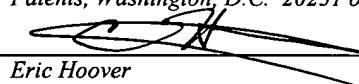
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: April 5, 2001


GEORGE L. FOUNTAIN
Reg. No. 36,374

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on: April 5, 2001.


Eric Hoover

4/5/01
Date